

CLAIMS

WHAT IS CLAIMED IS:

1. An automobile headlamp adjustment assembly, comprising
an anchor panel defining a hole;
a ball socket disposed in said hole and secured to said anchor
panel, said socket including:
a ring;
a plurality of arches spanning said ring on one side thereof
to generally define a basket having an opening thereto through said ring;
a plurality of socket panels joined to said ring between said
arches, each said socket panel having an outwardly directed ledge
engaging said anchor panel; and
inwardly directed fingers substantially aligned with said
ledges between said arches; and
a ball stud having a shaft and a ball at an end of said shaft, said
ball disposed in said basket and secured therein by said fingers.
2. The adjustment assembly of claim 1, including four said socket
panels.
3. The adjustment assembly of claim 2, including outwardly directed
tabs substantially aligned with said arches, said tabs engaging said anchor panel.
4. The adjustment assembly of claim 3, said anchor panel having a
thickness adjacent said hole, and said ledges and said tabs spaced from each other
in a direction along said arches by a distance substantially the same as said
anchor panel thickness.

5. The adjustment assembly of claim 1, including outwardly directed tabs substantially aligned with said arches, said tabs engaging said anchor panel.

6. The adjustment assembly of claim 5, said anchor panel having a thickness adjacent said hole, and said ledges and said tabs spaced from each other in a direction along said arches by a distance substantially the same as said anchor panel thickness.

7. The adjustment assembly of claim 1, said basket angling inwardly from said ring for insertion through said hole in said panel.

8. The adjustment assembly of claim 7, said panel having a first side and a second side, said ring disposed substantially on said first side of said anchor panel, and said ledges engaging said second side of said anchor panel.

9. The adjustment assembly of claim 8, including outwardly directed tabs substantially aligned with said arches, said tabs engaging said first side of said panel.

10. The adjustment assembly of claim 8, said ledges having outer surfaces sloped inwardly in a direction away from said ring.

11. The adjustment assembly of claim 8, including four said socket panels.

12. The adjustment assembly of claim 1, said ball socket made of plastic.

13. A ball socket, comprising:
 - a ring;
 - a plurality of arches spanning said ring on one side thereof to generally define a basket having an opening thereto through said ring;
 - outwardly directed tabs substantially aligned with said arches;
 - a plurality of socket panels joined to said ring between and spaced from said arches, each said socket panel having an outwardly directed ledge; and
 - inwardly directed fingers substantially aligned with said ledges between said arches.
14. The ball socket of claim 13, including four said socket panels.
15. The ball socket of claim 13, said basket angling inwardly.
16. The ball socket of claim 15, including four said socket panels.
17. The ball socket of claim 13, said ledges having outer surfaces slopped inwardly in a direction away from said ring.
18. The ball socket of claim 16 including four said socket panels.
19. The ball socket of claim 13 made of plastic.
20. A ball socket, comprising:
 - a basket having an opening thereto;
 - outwardly directed tabs on the basket;
 - socket panels joined to the basket along one edge, each said socket panel having an outwardly directed ledge; and
 - inwardly directed fingers substantially aligned with said ledges.